(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number
WO 2005/052791 A2

(51) International Patent Classification[7]: G06F 9/445

(21) International Application Number:
PCT/GB2004/004554

(22) International Filing Date: 28 October 2004 (28.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0325146.9 28 October 2003 (28.10.2003) GB

(71) Applicant *(for all designated States except US)*: SYMBIAN SOFTWARE LIMITED [GB/GB]; 2-6 Boundary Row, London SE1 8HP (GB).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: ROBERTS, William [GB/GB]; Symbian Software Limited, 2-6 Boundary Row, London SE1 8HP (GB).

(74) Agent: SORENTI, Gino; Legal Department, Symbian Software Limited, 2-6 Boundary Row, London SE1 8HP (GB).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

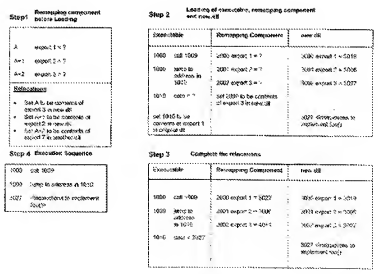
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *without international search report and to be republished upon receipt of that report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MAPPING OF DYNAMIC LINK LIBRARIES IN COMPUTING DEVICES



(57) Abstract: A remapping component is provided for facilitating a link between an executable and a function held in a new dynamic link library (DLL) in a computing device. The remapping component is provided with a relocation instruction arranged to update, upon loading, an export data table entry for the remapping component with the address location of the function in the new dynamic link library. In this way, the executable, when calling for the function at an address location in a known DLL, will automatically jump to, the address location for the function in the new DLL. The additional subroutines usually associated with remapping DLLs can therefore be avoided, providing improved operation for the computing device.

WO 2005/052791 A2